Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known			
			Application Number	Unassigned			
INFO	<b>PRMATION</b>	<b>DISCLOSUR</b>	Filing Date				
STA	TEMENT B	Y APPLICAN	First Named Inventor	Lamping, John O.	9		
• • • •			Group Art Unit	Unassigned	à,		
	(use as many she	eets as necessary)	Examiner Name	Unasssigned	S.		
Sheet	1	of	Attorney Docket Number	020087-003500US			

	<u> </u>	U.S. Patent Document	U.S. PATENT DOCUM	MENIS	Pages Calumas Lines
Examiner Initials *	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CN	AA	5,787,422	Tukey et al.	07/28/1998	
CN	AB	5,832,182	Zhang et al.	11/03/1998	
W	AC	5,864,855	Ruocco et al.	01/26/1999	
CN	AD	5,999,927	Tukey et al.	12/07/1999	
M	AE	6,003,029	Agrawal et al.	12/14/1999	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	For	Foreign Patent Document				Pages, Columns, Lines,	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		-						
			-				-	
		<del>                                     </del>	<del> </del>					

Examiner Signature	Cudyyynjus	Date Considered	12/08/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	e for form 1449B/PTC	)		Complete if Known			
	DIATION	DIGG! COURT	Application Number	Unassigned			
		DISCLOSURE	Filing Date				
STA	TEMENT B	Y APPLICANT	First Named Inventor	Lamping, John O.			
			Group Art Unit	Unassigned			
	(use as many she	ets as necessary)	Examiner Name	Unasssigned			
Sheet	2	of	Attorney Docket Number	020087-003500US			

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number(s), publisher, city and/or country where published.					
	AF	FRALEY ET AL., "How Many Clusters? Which Clustering Methyod? Answers Via Model-Based Cluster Analysis", The Computer Journal, Vol. 41, No. 8, 1988, pp. 578-588				
- <del>-</del>	AG	FRALEY, "Algorithms For Model-Based Gaussian Hierarchical Clustering", SIAM J. Sci. Comput., Vol. 20, No. 1, pp. 270-281				
	АН	IWAYAMA ET AL., "Hierarchical Bayesian Clustering for Automatic Text Classification", Proceedings of the Fourteenth Intl. Joint Conference on Artificial Intelligence, Vol. 2, August, 1995, pp. 1322-1327				
	Al	WILLETT, "Document Clustering Using an Inverted File Approach", Journal of Information Science 2 (1980), pp. 223-231				
	AJ	"Jane and Dubes, Algorithms for Clustering Data", Prentice Hall, 1998, QA 278, J341, Chapter 3, pp. 55-142				
		·				

Examiner	Date	
Signature	Considered	



EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.